#11/C 3/9/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Group Art Unit: 1754

Inventor(s): Mills

Appln. No.: 08/822,170

Examiner: Langel

Filing Date: 3/21/97

Title: LOWER-ENERGY HYDROGEN METHODS AND STRUCTURES

February 8, 1999

AMENDMENT

Hon. Asst. Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

In response to the Office Action dated October 21, 1998, amendment of the subject application is respectfully requested.

IN THE CLAIMS:

Please carcel claim 104 without prejudice.

Please amene claims 52, 54-56, 69-73, 76, 78, 84, 85, 92, 94 and 107 as follows:

52. (Amended) A cell for extracting energy from hydrogen atoms comprising:

a reaction vessel containing

gaseous hydrogen atoms; and

a gaseous catalyst having a net enthalpy of reaction of about 27 * (p/2) eV,

02/10/1999 WMITCHEL 00Where அவர்கள் integer greater than 1[,

01 FC:203 02 FC:202 03 FC:215 where the said hydrogen atoms react with said catalyst in said reaction vessel at a pressure less than atmospheric, thereby releasing energy and producing